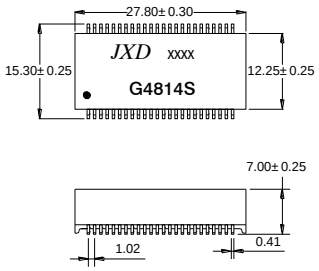
G4814S

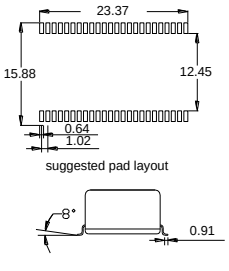
100/1000M POE Double Port Transformer Module

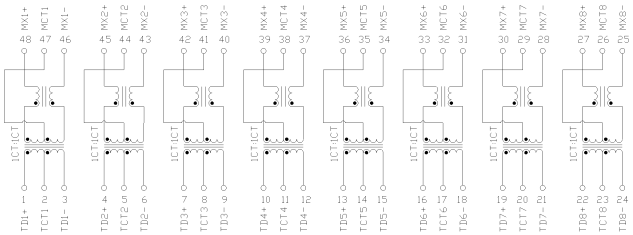
EN

1. Designed for long haul Gigabit Ethernet 1000 Base-T, full duplex applications.
2. Supports four pairs of category 5 UTP cable.
3. Cable interface for isolation and low common mode emissions
4. Compliant with IEEE 802.3af standard for 1000 Base-Tesigned to support 1:1 Turns Ratio Transceivers.
5. Suitable For End-apan and Mid-span POE Applications 550mA Current Capadility Per POE Port
6. Operating Temperature range: -40℃ TO +85℃
7. torage temperature range: -40℃ TO +125℃

DIMENSIONS & SCHEMATICS





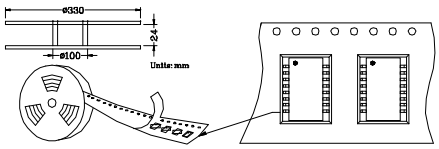


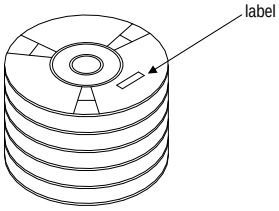
Note: 1、Dimension：mm, 2.Unless otherwise specified,tolerances are: ±0.15mm

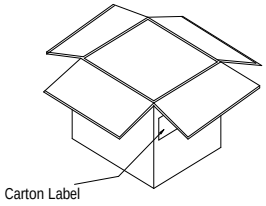
TECHNICAL SPECIFICATIONS

OCL :	350 μH Min. @ 100 KHz, 100mV with 8mA DC Bias
Leakage	0.5 μH Max. @ 100KHz, 0.1V
Inductance: Cw/w:	28pF Max. @ 100KHz, 0.1V
DCR:	1.20 Ω Max.
Turns Ratio(±5%):	1CT:1CT(TX), 1CT:1CT(RX)
Polarity:	1-48, 4-45, 7-42, 10-39,13-36,16-33,19-30,22-27 In-Phase
Insertion Loss:	-1.1 dB Max. @ 1-100MHz
Return Loss:	-18 dB Min. @ 0.5-30MHz -15 dB Min. @ 40 MHz -13 dB Min.@ 60MHz -11 dB Min.@ 80MHz -10 dB Min.@ 100MHz
Cross Talk:	-45 dB Min.@ 30 MHz -40dB Min.@ 60 MHz -35 dB Min.@ 100 MHz
Common Mode Rejection :	-43dB Min.@ 1-30 MHz -37dB Min.@ 60 MHz -33 dB Min.@ 80-100 MHz
Isolation HI-POT:	1500Vrms 1mA 1Second

PACKING SPECIFICATION







1. units/reel:300PCS
2. reel/carton:5PCS
3. units/carton :1500PCS

EXPORT CARTON:367(L)x337(W)x235(H)

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